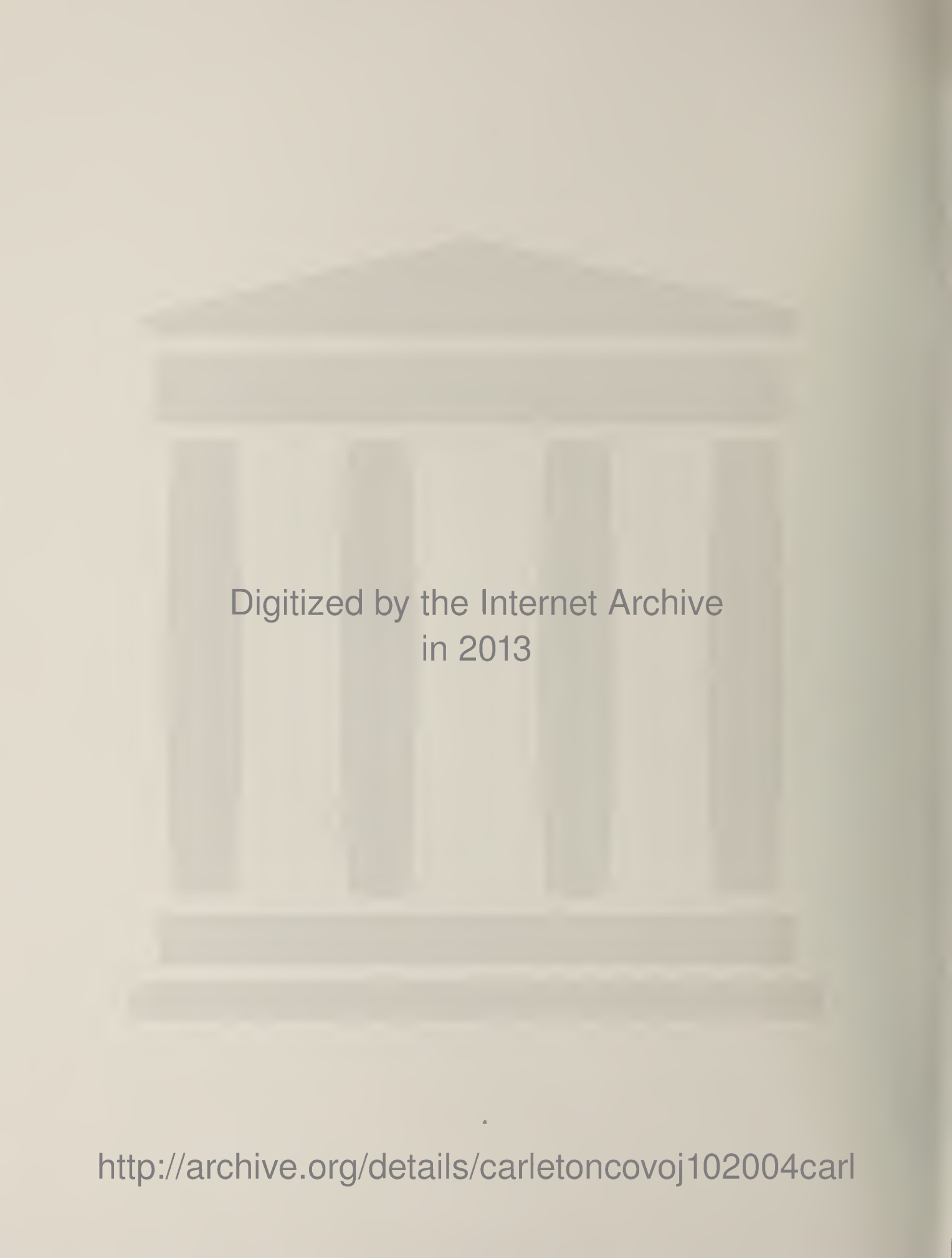
CARLETON UNIVERSITY

Ottawa, Ontario

Canada

124th Convocation

Thursday, June 10, 2004


Digitized by the Internet Archive
in 2013

http://archive.org/details/carletoncovoj102004carl

Convocation at Carleton University 2

Thursday, June 10, 9:00 a.m.
Honorary Degree Recipient, Orest Cochkanoff 6

Order of Proceedings 7

Master of Applied Science (Aerospace, Civil, Environmental, Materials and Mechanical Engineering); Master of Engineering (Aerospace, Civil, Environmental and Mechanical Engineering; Master of Architecture; Bachelor of Engineering (Aerospace, Civil, Environmental and Mechanical Engineering); Bachelor of Architectural Studies; Bachelor of Industrial Design

Thursday, June 10, 12:30 p.m.
Honorary Degree Recipient, Keith R. Greenaway 16

Order of Proceedings 17

Doctor of Philosophy from the Faculty of Engineering and Design (Electrical Engineering); Master of Applied Science (Electrical Engineering); Master of Engineering (Electrical Engineering and Telecommunications Technology Management); Bachelor of Engineering (Communications, Computer Systems, Electrical and Software Engineering, Engineering Physics)

Thursday, June 10, 4:00 p.m.
Honorary Degree Recipient, Harold J. Jennings 26
High School Teaching Award Recipient, David Williams 27

Order of Proceedings 29

Doctor of Philosophy from the Faculty of Science and School of Computer Science; Master of Science; Master of Computer Science; Bachelor of Science (Honours); Bachelor of Science; Bachelor of Mathematics (Honours); Bachelor of Mathematics; Bachelor of Computer Science (Honours)

Medallists in the Graduating Class 42

The Convocation ceremony (the calling together of the academic assembly) has its roots in university traditions of medieval Europe.

The Mace
The mace is a staff symbolizing authority. In the days of knighthood, it was a weapon, but after the 16th century it became solely a symbol of authority carried by a distinguished member of an assembly. It is used on ceremonial occasions to signify the right of an individual or institution to perform a certain function—in the case of universities, to grant degrees.

At Convocation, the mace is carried ahead of the Chancellor as he enters and leaves each ceremony. During the ceremony the mace is displayed on a special stand as an embodiment of the authority of the University.

Carleton's mace was presented to the University in 1976 as a gift from the Chair of the Board of Governors at that time, Mr. Hyman Soloway. It is a silver-plated staff approximately three feet long. At the upper end there is a bowl marked with the University's coat of arms and the University motto in both Latin and English— "Opera Nobis Aeterna" and "Ours the Task Eternal." From the upper portion of the bowl rises a phoenix. Traditional oak leaves surround the lower end of the staff.

Coat of Arms
The coat of arms was presented to the University by His Excellency The Right Honourable Ramon John Hnatyshyn, Governor General of Canada, on November 15, 1992, as part of Carleton's 50th anniversary celebrations. It is described in heraldic terms as follows: "Sable a maple leaf Gules irradiated and charged with an open book Argent; And for a Crest: on a wreath Argent Sable and Gules a Phoenix Gules quilled and beaked Or issuing from flames proper; And for a Motto: Ours the Task Eternal; And for Supporters: on a grassy mount on either side a raven Sable beaked and membered or armed Gules."

The open book on the maple leaf signifies that Carleton University is in the nation's capital and that learning is open to all who wish to partake of it. The phoenix, the legendary eternal bird, symbolizes the renewing of learning from older foundations, in recognition of Henry Marshall Tory's role in the founding of the University when he was 78 years old. "Ours the Task Eternal" is taken from a Walt Whitman poem entitled "Pioneers" and ties in with the eternal quality of the phoenix.

And so, the Carleton University coat of arms symbolizes sound learning, good citizenship, and the highest hopes of humanity.

The Diploma
The diploma the graduates receive at Convocation is the certificate of qualification which publishes the fact that the student has fulfilled all the requirements and completed the prescribed course of study for the degree. As the senior academic legislative body of the University, it is the Senate which has determined whether the requirements have been met. The signatures of both the Chancellor and the President of the University appear on the diploma: the Chancellor because of his role in conferring the degree, and the President who, as Chair of Senate, certifies that Senate has enacted the required motion to award the degree. The Seal of the University is affixed to the diploma as a mark of authentication.

Academic Dress
The academic dress of Carleton University results from a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code. All three hoods—bachelor's, master's, and doctor's —are of the simple or Oxford shape. The bachelor's hood is made of black stuff; the master's and doctor's are made of black silk and all are lined with silver silk with two chevrons, one of red and one of black. From bachelor's to doctor's, the hoods are progressively longer and opened to show more and more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations: applied science is orange with a black cord sewn slightly in from the lower border; architecture is cerise; architectural studies is cerise with a black cord sewn slightly in from the lower border; arts is white; commerce is camel brown; computer science is royal blue; engineering is orange; humanities is white with a red cord sewn slightly in from the lower border; industrial design is dark cardinal; international business is camel brown with a red cord sewn slightly in from the lower border; journalism is white with a black cord sewn slightly in from the lower border; management studies and business administration is camel brown with a black cord sewn slightly in from the lower border; mathematics is hunter green; music is venetian pink; public administration is peacock blue; public affairs and policy management is teal with a gold cord sewn slightly in from the lower border; science is golden yellow; social work is cream; and doctor of philosophy is purple.

The master's and bachelor's gowns, to be worn with the above hoods, are of full length, made of black stuff, with a gathered yoke behind, and long open-fronted sleeves. The doctoral gown is of full-style, made of fine royal blue cloth with facings of light blue silk, with a full gathered yoke behind, and closed sleeves with an opening at the elbows.

The two shades of blue in the doctoral gown are those of the United Nations, and are meant to recognize the University's long-standing interest, from its earliest years, in international affairs and issues. The colours were chosen when the University awarded its first honorary degree, in 1954, to the second Secretary General of the United Nations, the late Dag Hammarskjöld. The tradition of awarding honorary degrees to Secretaries General of the United Nations has continued since that time.

The gown of the honorary Doctor of Laws, Literature, Music, Science, Engineering, Architecture or Fine Arts is a full robe with bell-shaped sleeves. It is made of fine royal blue cloth with facings and sleeves in light blue silk. The hood is made of the same material as the gown, has the same lining as that for the degrees granted by examination, and is bordered with dark mauve for the degree of Doctor of Laws; vibrant blue for the degree of Doctor of Literature; venetian pink for the degree of Doctor of Music; red for the degree of Doctor of Science; orange for the degree of Doctor of Engineering; cerise for the degree of Doctor of Architecture; and dark cardinal for the degree of Doctor of Fine Arts.

Alumni Park
Weather permitting, today's Convocation ceremonies are being held outdoors in Alumni Park which was dedicated in 1992, at the initiative of the Carleton University Alumni Association, to commemorate the University's 50th anniversary. The arbour under which the Chancellor, the President and Vice-Chancellor, the representative of the Board of Governors, and the faculty are seated is a generous gift from the Association. It provides a permanent stage for Carleton's Convocation ceremonies and other events such as theatrical productions, concerts, and the like. Future plans for the Park include an enhancement of the existing fountain area with the construction of a plaza and landscaping to open up views to the Rideau River.

The Presiding Officer of Convocation is the Chancellor of the University, Marc Garneau, C.C., C.D., B.Sc., Ph.D., LL.D., P.Eng.

Accompanying him on the podium is Jocelyn Ghent Mallett, B.A., M.A., Ph.D., Chair of the Board of Governors, and Richard J. Van Loon, B.Sc., M.A., Ph.D., President and Vice-Chancellor.

Assisting the Chancellor are:

Chong H. Chan, B.Sc., M.A.Sc., Ph.D., P.Eng.
Professor of Engineering
Clerk of Senate
and Marshal of Convocation

Brian C. Mortimer, B.Sc., M.Sc., Ph.D.
Associate Professor of Mathematics
Associate Dean of Students (Special Projects)
and Associate Marshal of Convocation

Donald L. Bailey, B.Eng., M.Eng.
Lecturer in Engineering
and Beadle of Convocation

John Blenkinsop, B.Sc., M.Sc., Ph.D.
Associate Professor of Earth Sciences
and Beadle of Convocation

Robert Burk, B.Sc., M.Sc., Ph.D.
Associate Professor of Chemistry,
Director of the College of Natural Sciences
and Beadle of Convocation

James Cheetham, B.Sc., Ph.D.
Associate Professor of Biology
and Beadle of Convocation

Carleton University is a national leader in providing high-quality post-secondary education to over 20,000 full- and part-time students at the undergraduate and graduate levels. Located in Canada's capital, Carleton has revitalized its commitment to academic excellence in public affairs and management and high technology while continuing to offer strong degree programs in arts, social sciences, science, and engineering and design.

Frederick Michel, B.Sc., M.Sc., Ph.D.
Associate Professor of Earth Sciences and
Environmental Studies
and Beadle of Convocation

Cheryl Joann Schramm, B.Eng., M.Eng.
Lecturer in Engineering
and Beadle of Convocation

Bryan Tinlin, B.A., M.A.
Academic Adviser, Student Academic Success Centre
and Beadle of Convocation

Cathy Pearen
Deputy Clerk of Senate and Ceremonials Officer
Senate Office

Tony Bégin
Special Events Co-ordinator
University Communications

Also assisting at Convocation:

Linda Backer
Assistant Dean/Registrar
Faculty of Graduate Studies and Research

James Riva, B.A.
Undergraduate Registrar
Registrar's Office

Lisa Ralph
Assistant Registrar-Client Services
Registrar's Office

Carol Corkran
Maureen Fagan
Lee Hull, B.A.
Registrar's Office, Faculty of Graduate Studies and
Research

April Alton, B.A.
Kathleen Baldwin, B.A.
Andrew Breedyk, B.P.A.
Jerrett Clark, B.A.
Louise DeCristoforo
Sue Dunsmore
Elizabeth Dwivedi, M.A.
Dotty Guoti, B.A.
Becky Hoskins, B.A.
Carolyn Kibsey, B.A.
Valentina Leon, B.A.
Mary Orser
Brenda Pledge, B.A.
Judith Srna, B.A.

Chandra Stratton, B.A.
Janis Taylor
Barb Truscott
Lisa Tsotroudis, B.A.
Angel Wagner, B.A.
Registrar's Office

Pamela Mallon
Trapp Zaluska
Office of the President

Ann Anderson, B.A.
Linda Fullum
Nanci Jolicoeur
Lin Moody, B.J., M.A.
MaryAnne Pomainville
University Communications

Margo Thomas
Senate Office

Orest Cochkanoff

Orest Cochkanoff, B.A.Sc., M.A.Sc., Ph.D.

Orest Cochkanoff, engineering professor and consultant, will be awarded the degree of Doctor of Engineering, *honoris causa*, at the 9:00 a.m. ceremony on Thursday, June 10,"in recognition of an outstanding contribution to engineering as an educator, practitioner, administrator, and volunteer."

A professor emeritus of Mechanical Engineeringand a former Dean of the Faculty of Engineering at Dalhousie University, Dr. Cochkanoff has mentored more than 30 graduate students, and has assisted in the advancement of engineering education through the development of a number of new courses, including the first-ever control systems course for mechanical engineering in Canada in 1960. He has also been instrumental in the design, development, and operation of Canadian naval and air force systems, including the design of the variable depth sonar body for the Canadian Navy. In 1993, he was named the first Honorary Colonel of the 406 Sqaudron at Shearwater. In private industry, he consulted on the design of the Canadian helicopter haul-down system, used to recover helicopters on small ships.

Thursday, June 10, 9:00 a.m.

Chancellor Marc Garneau, C.C., C.D., B.Sc., Ph.D., LL.D., P.Eng., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

Processional Music
John Robert Coghill Jr., B.Mus. (bagpipes)
Garry Matthews (snare drum)
Craig Moffatt (bagpipes)

O Canada*
(the audience is invited to sing)

Welcome by the Master of Ceremonies
Richard J. Van Loon, B.Sc., M.A., Ph.D.,
President and Vice-Chancellor

Conferring of the Degree of Doctor of Engineering *honoris causa*, **upon**
Orest Cochkanoff, B.A.Sc., M.A.Sc., Ph.D.,
(presented by Donald Russell, B.Eng., M.S., Ph.D., Associate Professor of Engineering, and Associate Dean, Faculty of Engineering and Design)

Convocation Address
Orest Cochkanoff

Conferring of Degrees by Examination

Warrant
Chong H. Chan, B.Sc., M.A.Sc., Ph.D., P.Eng.,
Clerk of Senate

Awarding of Medals

Recessional Music

*see next page for wording

O Canada

O Canada! Our home and native land!

True patriot love in all thy sons command.

With glowing hearts we see thee rise,

The True North strong and free!

From far and wide, O Canada,

We stand on guard for thee.

God keep our land glorious and free!

O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,

Ton front est ceint de fleurons glorieux.

Car ton bras sait porter l'épée,

Il sait porter la croix.

Ton histoire est une épopée,

Des plus brillants exploits.

Et ta valeur, de foi trempée,

Protégera nos foyers et nos droits.

Protégera nos foyers et nos droits.

Master of Applied Science

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

James J. Day
B.Eng. (Carleton)
Aerospace

Cheryl Ann Eisler*
B.Eng. (Carleton)
Aerospace

Raymond Harris
B.Eng. (Carleton), B.Sc., M.Sc. (Concordia)
Aerospace

Brian Robert McAuliffe*
B.Eng. (Carleton)
Aerospace

John Thomas Weaver
B.Eng. (Royal Military College), M.Sc. (Cranfield University, United Kingdom)
Aerospace

Muna Awatta*
B.Eng. (Carleton)
Civil

Jiahui Chen*
B.Eng. (South China University of Technology, China)
Civil

Da Ha*
B.Eng. (Dalian University of Technology, China)
Civil

Stylianos Hiotakis
B.Eng. (School of Engineering, Greece), B.Sc. (Military Academy, Greece)
Civil

Ardalan Mehrabi Yazdi*
B.Sc. (Bahai Institute for Higher Education, Iran)
Civil

Marjan Rohani*
B.Sc. (Bahai Institute for Higher Education, Iran)
Civil

Aziz-Ur Rehman*
B.Sc., M.Sc. (University of Engineering and Technology, Pakistan)
Environmental

Monica Magdalena Visan
B.Sc. (Bucharest Technical University of Constructions, Romania)
Environmental

Guo Hon Wu
B.Eng. (Hunan University, China)
Environmental

Shamir Doshi
B.A.Sc. (Ottawa)
Materials

Blaine Quentin Geddes*
B.Sc. (Mount Allison), B.Sc. (New Brunswick)
Materials

Lijiang Bai*
B.Eng. (Beijing Polytechnical University, China)
Mechanical

Timothy James Harold
B.Eng. (Carleton)
Mechanical

Jian Li*
B.Eng. (Shanghai Jiao Tong University, China)
Mechanical

Darren Robert Linn*
B.Eng. (Carleton)
Mechanical

Master of Engineering

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Tan Wu
B.Eng. (Tong Ji University, China)
Aerospace

Abdolhadi H. Bardestani*
B.Eng. (Carleton)
Civil

Md Abul Bashar
B.Sc. (Chittagong College, Bangladesh), M.Eng. (University of Engineering and Technology, Bangladesh)
Civil

Nader Nabhani
B.Eng. (Beirut Arab University, Lebanon)
Civil

Kenneth Trischuk
B.Eng. (Carleton)
Civil

Jingeng Zhang
B.Eng. (Tianjin, China)
Civil

Michael Thomas Joseph Baumann
B.A. (Waterloo), B.Eng. (Carleton)
Environmental

Irina Klimento*
M.Eng. (Rostov, Russia)
Environmental

Steven C. Smyth
B.A.Sc. (Toronto)
Environmental

Kathleen Marie English*
B.Eng. (Carleton)
Mechanical

Master of Architecture

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

James Douglas Gerwin*
B.E.D. (Manitoba)

Rostam Mehdi-Pour
B.A. (Carleton)

Edward Walter Eric Sarfeld
B.A. (Western)

Wenjiao Shan
B.Arch. (Beijing, China)

Masud H. Taj
Dip. (Bandra School of Art, India)

Yi Xiong*
B.Arch. (Chongqing Jianzhu University, China)

Bachelor of Engineering

(presented by Dean S.A. Mahmoud, Dean of the Faculty of Engineering and Design)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

AEROSPACE

Hamza M. M. Abo El Ella
with distinction

Juan K. Anderson

Carolyn R. Arkell
with distinction

Maciej Balajewicz
Co-operative Education
with distinction

Matthew T. Bamsey
Co-operative Education
with distinction

Shawn Beaudette
Co-operative Education
with high distinction

Magdalena Joanna Bellemare

Scott Nathan Best
with high distinction

Matthew Dale Black
Co-operative Education
with high distinction

Joel Martin Book
with distinction

Andrew David Paul Brown
with high distinction

Michele Capurro

Philip Jérome Castonguay

Connie Chan

Hui Hua Chen

Michael Collins
with distinction

Shauna Rose Correia
with high distinction

Ryan Andrew Crampton
with high distinction

Matthew D. G. Cross

Tasha Leinore De Freitas
Co-operative Education
with distinction

Daniel Joseph Dutton
Co-operative Education

Stuart McKinley Eagleson
Co-operative Education
with distinction

Melanie Einwechter

Winston Donald Graham Ernst*

Erin Diane Farbar
Co-operative Education
with high distinction

Tyson McDermid Ferguson

Robert John Finn
with high distinction

C. Daniel Fletcher
with distinction

Michael Donald Fralick
with high distinction

Gregor Frank*
Minor in Economics
with distinction

Peter Andrew Caskey Furlong
Co-operative Education
with high distinction

Shaun Robert Gaudet
with distinction

Philippe J. Genereux
with high distinction

Michael William Green*

Jody Paul Grenier

Bradley Grice
with distinction

Thomas Franklin Hastie
Co-operative Education
with high distinction

Kathryn Heckman
with high distinction

Jennifer Jean Hiscock

Shawn Anthony Hoefnagels
Co-operative Education
with distinction

Stephen Andre Hurst

Sean Hutchinson
Co-operative Education
with high distinction

David Lorne Junker
Co-operative Education

Stephen G. Junker
Co-operative Education

Jesse M. Klostranec
with high distinction

Michael Labib*
with high distinction

Joshua Larocque
Co-operative Education

Benjamin D. Lee

Michael S. Lemieux

Mark Jonathan Levasseur
with distinction

Neil Thomas Linklater

Jesse Ryan Linseman

Justin Locke
with distinction

Lucia Oliveira Martinez Miranda*

Robert H. Mather
with distinction

Calvin P. McCrie
with distinction

Shane Michael McDowell

Michael H. Merry

Travis Mikjaniec
Co-operative Education
with distinction

Marc-André Müller
with high distinction

Hau Nguyen

Kevin Overdulve
Co-operative Education

Maria Denisia Pereira

Tuan Quang Phan*

Rudi H. Phillion
with high distinction

Bryan Alexander Pilon
with distinction

Derrick F. Piontek
with high distinction

Matthew Robert Powers
with distinction

Alan Douglas Reain*
with high distinction

Daniel James Redmond

Trent D. Reeb
Co-operative Education
with high distinction

Joel William Rosart
Co-operative Education
with high distinction

David Salvatore*

Karan Sarda
Co-operative Education
with distinction

Anton James Sawatzky

Shawn C. Schillemore

Kevin Michael Seidler

Kevin A. Shea*

Kasia Smetny-Sowa

Merryn E. Spielman

Nicholas A. Spooner
with distinction

Shelley Raina Talwar

Jason P. Tremblay
with high distinction

Bruce D. Van Dusen
Co-operative Education
with high distinction

John Vigliotta*
with distinction

Bradley David White
with high distinction

Jeffrey T. Wilkins
with high distinction

Benjamin Carleton Wilson
with distinction

Josée Marie Denise Wolfe
Co-operative Education
with distinction

Jaime Lai-Ching Yeung

Ronald C. Yeung

Jackie Yu
with distinction

Jeffrey Jerome Zekveld
with distinction

CIVIL

Bryan J. R. Bale
with high distinction

Michel Henri Bisson
Concentration in Management
with high distinction

Christopher R. Bowser
Concentration in Management

Eric Chun Yeung Chan

Oi Yan Irene Chan

Shau Fung Chen

David Michael Donato

Le Duong

Andrew Finnson
Concentration in Management

Jerico Gapas*

Christopher D. Hipwell

Ryan Patrick Kennedy

Michael John Kordos

Michael Kruszelnicki
with high distinction

Joshua Michael Laginski
Concentration in Management

Siew May Lee
with distinction

Sue Liu
with distinction

Xing Liang Liu

Steven Scott Pilgrim

Gian-Luca Porcari
with distinction

Maurice W. Quinn
Concentration in Management

Hernán J. Rivera Núñez

Nicolino Scaffidi Argentina
with high distinction

Jacob D. Scissons
with high distinction

Michael Jacob Hamilton Thivierge

Christopher J. Wilson
Concentration in Management

ENVIRONMENTAL

Giulia Aïda Brutesco
Co-operative Education

Stacy D. Carkner

Katherine Judith Hadley*

Shingie Onthusitse Lebang
with distinction

Jennifer L. Myles
with distinction

Ranya Sherif

MECHANICAL

Hector Daniel Bello Pachon

Stephan Biljan

Justin Blanchfield
with high distinction
Concentration in
Computer-Integrated Manufacturing

Anne-Marie Bourgeois
Concentration in
Computer-Integrated Manufacturing

André Brilotti*

Stephen Peter Brown*
Concentration in
Computer-Integrated Manufacturing

Christopher D. Bullock
with distinction

Marko S. Cater
Co-operative Education
with high distinction

Tyson P. Chen
Concentration in
Computer-Integrated Manufacturing
with distinction

Michael C. Cowan
with distinction

William J. Dods

Robert Joseph Doonan

Mark Christopher Eley*

James Michael William Falcioni

George S. Franchi
Co-operative Education
with high distinction

Alexander Gordon Grigoroff
Minor in Psychology
with distinction

Wing-Fai Ha*
Concentration in
Computer-Integrated Manufacturing
Minor in Business

Jarett Chad Hunt

Daniel Ignatow

Patrick Kehoe*
Co-operative Education
with distinction

Sabeshan Konalingam

Hugo León Danis
with high distinction

Darcy M. Letourneau
with distinction

Tobin Lock
with distinction

Kenneth Charles Lockett

Travis G. MacDonell

Amanda Machado
with high distinction

Henry Georg Maier

Christopher George Andrew McDonald
Concentration in
Computer-Integrated Manufacturing
with distinction

Kelly A. McNamee

Jaime Ng

Neil A. O'Brien

Pouyan Pourjam*

Francesco Pugliese*

Matthew Jack Rhyner

Paul Roach

Cynthia Marie Rose

Emil Alexander Schreiner*

Mark A. Smith*
with distinction

Ian Summerfield
with high distinction

Brian Chong-Tai Tang

Todd Donald Tregenza*
Concentration in
Computer-Integrated Manufacturing

Christopher Vandenhoven
with distinction

Darren B. Walker

Asta Wallace
Co-operative Education

Bachelor of Architectural Studies

(presented by Assistant Professor Stephen Fai, Associate Director of the School of Architecture)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Reem Al-Rawi

Sundus Al-Sammrai
Co-operative Education

Jeremy Aranoff
with distinction

Darlene Viviezca Arriola*

Hye-Jung Back

Joyce Baddour
with distinction

Mark Wayne Baechler
with high distinction

Allan Paul Baniña
with distinction

Misty Lee Elizabeth Campbell
Co-operative Education
with distinction

Nancy Ewin Chao
B.A. (Western)
with high distinction

Thomas Junior Kuo Hua Cheng

Amanda Chin

Suyean Choi

Daniel Thomas Cronin*

Natalie Elizabeth De Luca
with distinction

Christopher Patrick Durkin
with high distinction

Robert Eland*
with distinction

Allison M. Fox
with distinction

Elroy Fung

Susan Emily Gardiner
with high distinction

Jillian Laura Garvin
with distinction

Karam G. Georges
with high distinction

Sanghee Hahn
with distinction

Renée Kelly Hynes
with distinction

Sridurga Jagadish

Maximilian H. A. Johnson*

Hansun Kang

Paul Eizaburo Kibayashi
with distinction

Paul Andrew Kluchert*

Ryan M. Koolwine*
with distinction

Yaroslav Kovalchuk

Sahar Kubba
with distinction

Katherine D. Kurtz
with high distinction

Paul Joseph Legomski
Co-operative Education
with distinction

Camille Dana Lewis
with high distinction

Dan Linda Liu

Keiko Makino
with distinction

Sacha Kim Marthinez
Co-operative Education

Jennifer Mohring
B.A. (Concordia)
with high distinction

Thomas Nemeskeri
with distinction

Chi Nguyen

Leslie Kristin Papineau

Danielle D. M. Powell

Susan Ragheb

Alma Rahmani

Kimberley Gabriella Robertson
with distinction

Pholkrit Sangthong
with distinction

Joseph Adrian Sauve
with distinction

Sydney Claire Schwartz

Lisiane K. Taufer

Regina Lai Tsing Thian
with distinction

Terence William Tourangeau
with high distinction

Helen H.Tran

Eric Yu-Chen Tsai
with distinction

Linda Vakhrameeva
with distinction

Ryan Van Spronsen

Luca Visentin
Co-operative Education
with distinction

Trevor Andrew Wallace
with distinction

Zachariah Benjamin White
with distinction

Cherry Tsui Yee Yeung
Co-operative Education
with distinction

Michael Yeung
with high distinction

Elizabeth Christina Ying
Co-operative Education

Bachelor of Industrial Design

(presented by Associate Professor Lois Frankel, Director of the School of Industrial Design)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Jane Marie Abernethy
with distinction

Dolly Audit
Minor in Psychology
with distinction

Serge Christophe Beaulieu
with distinction

Terry J. Brown
with distinction

Jason Chan
Co-operative Education

Nadia Olena Collins
with distinction

Bruce Matthew Cooper
Co-operative Education
with distinction

Rita Cathrina Di Cesare

Giuseppe D'Angelo

Shane M. Ellis
with distinction

Matthew Ferrarin

Kam-Wing Fung
Co-operative Education
with high distinction

Romeo Graham
with high distinction

Sarah C. Hay
with distinction

Geoffrey S. Hunt
with high distinction

Archawir Istanbulian

Ryan Lee
with distinction

Adam Looker

John Clinton M^{c}Lister
with distinction

Monika A. Mikolajczyk

Ryuta Murashima

Napapong Naparat
with distinction

Susan Perrigo
with distinction

Clarissa Ann Rodrigues*

Mark Simmons
with distinction

Dawn M. Simpson

Xeng Xue Vang

Carla Williamson
with distinction

Keith R. Greenaway

Keith R. Greenaway, C.M.

Keith R. Greenaway, author, qualified navigator, highly decorated retired Brigadier-General in the Canadian Armed Forces, and Member of the Order of Canada, will be awarded the degree of Doctor of Laws, *honoris causa*, at the 12:30 p.m. ceremony on Thursday, June 10, "in recognition of outstanding contributions to Arctic navigation and promoting the geopolitical importance of Canada as a circumpolar nation."

Brigadier-General Greenaway's long and distinguished career has earned him many accolades including Jubilee and Golden Jubilee Medals for outstanding service to Canada, and induction in the Canadian Aviation Hall of Fame. Having accumulated more than 8,000 hours of flying time, he has travelled extensively across Canada and around the world, and has contributed immensely to Arctic navigation. He was one of the crew of the first U.S. military aircraft to cross the North Pole, and co-developed the Royal Canadian Air Force's High Latitude Twilight Computer. Mr. Greenaway has consulted extensively with the Federal Government and in particular the Ministry of Indian and Northern Affairs concerning both scientific and political issues.

Thursday, June 10, 12:30 p.m.

Chancellor Marc Garneau, C.C., C.D., B.Sc., Ph.D., LL.D., P.Eng., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until `O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

Processional Music
John Robert Coghill Jr., B.Mus. (bagpipes)
Garry Matthews (snare drum)
Craig Moffatt (bagpipes)

O Canada*
(the audience is invited to sing)

Welcome by the Master of Ceremonies
Richard J. Van Loon, B.Sc., M.A., Ph.D.,
President and Vice-Chancellor

Conferring of the Degree of Doctor of Laws, *honoris causa*, upon
Keith R. Greenaway, C.M.,
(presented by Nancy Doubleday, B.Sc., B.Ed., LL.B., M.E.S., Assistant Professor of Geography and Environmental Studies)

Convocation Address
Keith R. Greenaway

Conferring of Degrees by Examination

Warrant
Chong H. Chan, B.Sc., M.A.Sc., Ph.D., P.Eng.,
Clerk of Senate

Awarding of Medals

Recessional Music

**see next page for wording*

O Canada! Our home and native land!

True patriot love in all thy sons command.

With glowing hearts we see thee rise,

The True North strong and free!

From far and wide, O Canada,

We stand on guard for thee.

God keep our land glorious and free!

O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,

Ton front est ceint de fleurons glorieux.

Car ton bras sait porter l'épée,

Il sait porter la croix.

Ton histoire est une épopée,

Des plus brillants exploits.

Et ta valeur, de foi trempée,

Protégera nos foyers et nos droits.

Protégera nos foyers et nos droits.

Doctor of Philosophy

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Ahmed Hafez Zaki Ahmed
B.Sc., M.Sc. (Military Technical College, Egypt)
Electrical
Development of a-Ge_x Si_{1-x} O_y CMOS Compatible Micromachined Infrared Detector for Thermal Imaging Applications
Supervisor: N. Tait

Olivia Das
B.Sc., M.Sc. (University of Calcutta, India), M.Sc. (Carleton)
Electrical
Dependability Modelling of Layered Systems
Supervisor: M. Woodside

Anestis Dounavis*
B.Eng. (McGill), M.Eng. (Carleton)
Electrical
Passive Time-Domain Macromodels of High Speed Interconnect Networks
Supervisor: M. Nakhla

Mohamed El-Darieby
B.Sc., M.Sc. (Zagazig University, Egypt)
Electrical
Scalable Network Control
Supervisors: D. Petriu and J. Rolia

Ayman Mohamed Elsayed El-Tager
B.Sc., M.Sc. (Military Technical College, Egypt)
Electrical
Investigation of High-Q Resonators Embedded in Low Temperature Cofired Ceramic for Millimetre-Wave Oscillators
Supervisor: L. Roy

Diwakar Krishnamurthy
B.Eng. (Madurai Kamaraj University, Tamil Nadu), M.Eng. (Carleton)
Electrical
Synthetic Workload Generation for Stress Testing Session-Based Systems
Supervisors: J. Rolia and S. Majumdar

Samy Sayed Abdou Ghoniemy*
B.Sc., M.Sc. (Military Technical College, Egypt)
Electrical
RF/Fiber Optical Interface for Microcellular Wireless Tranceivers
Supervisors: J. Wight and G. Lachapelle

Master of Applied Science

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Abiola Olumide Adegboyega
B.Sc. (Obafemi Awolowo University, Nigeria)
Electrical

Mirza Mashkoor Ahmed Baig*
B.Sc. (University of Engineering and Technology, Pakistan)
Electrical

Ying Chen
B.Eng. (Northern Jiaotong University, China)
Electrical

Jingfeng Cui*
B.Eng. (Northeastern University, China)
Electrical

Ali Dabir*
B.A.Sc. (Ottawa)
Electrical

Wojciech Dzidek*
B.Eng. (Carleton)
Electrical

Shawky El-Mougy
B.Sc., M.Sc. (Cairo, Egypt)
Electrical

Mark Joseph Francisco*
B.Eng. (Carleton)
Electrical

Xiaoming Guo
B.Eng., M.Eng., Ph.D. Eng. (Tsinghua, China)
Electrical

Shoaev S. Hares*
B.Eng. (Carleton)
Electrical

Chang He
B.Eng. (Beijing University of Post and Telecommunications, China)
Electrical

Zoe Wai Ying Hui*
B.A.Sc. (British Columbia)
Electrical

Irfan Kadri*
B.Eng. (Carleton)
Electrical

Meng-Lin Lee*
B.Eng. (Carleton)
Electrical

Jie Lin
B.Eng. (Tianjin Institute of Textile Science and Technology, China)
Electrical

Lei Lin*
B.Eng. (Nanjing Aeronautical Institute, China), M.Eng. (Nanjing Research Institute of Electronics, China)
Electrical

Yimin Liu
B.Eng. (Nanjing Engineering Institute, China)
Electrical

Yumei Liu*
B.Eng., M.Sc. (Changchun Institute of Physics, China)
Electrical

Clark Adrien Merchant
B.Sc., B.Eng. (Dalhousie)
Electrical

Akhtar Mirfazli
B.Eng. (Carleton)
Electrical

Philippe Moquin
B.Sc. (Alberta)
Electrical

Van Hoang Nguyen*
B.A.Sc. (Toronto)
Electrical

Nathan Scales
B.Eng. (Carleton)
Electrical

Marwa Shousha
B.Sc. (American University in Cairo, Egypt)
Electrical

Ashraf Qayyum Siddiqui
B.Eng. (NED University of Engineering and Technology, Pakistan)
Electrical

Kevin So
B.Sc. (Queen's)
Electrical

Shufen Sun
B.Eng. (North China Institute of Electrical Power, China)
Electrical

Imran Addul Bari Syed
B.Eng. (NED University of Engineering and Technology, Pakistan)
Electrical

Donald Dave Walsh*
B.Eng. (Carleton), B.Sc. (Alberta)
Electrical

Hao Zhang*
B.Eng., M.Eng. (Northeastern University, China)
Electrical

Jing Zhang*
B.Eng., M.Eng. (Harbin Institute of Technology, China)
Electrical

Jie Zhu
B.Eng. (Beijing University of Post and Telecommunications, China)
Electrical

Jingcheng Zhuang*
B.Eng. (Beijing Machinery and Industry Institute, China)
Electrical

Michelle Marie Zuliani
B.Sc. (Queen's)
Electrical

Master of Engineering

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Ross Graham Dickson*
B.Eng. (Carleton)
Electrical

Rui Liu*
B.Eng. (Tianjin Institute of Science and Technology, China)
Electrical

Jinfeng Luo*
B.Sc. (Tianjin University, China)
Electrical

Chunlei Zhang
B.C.S. (Carleton)
Electrical

Yijian Fang
B.Eng. (Beijing University of Post and Telecommunications, China)
Telecommunications Technology Management

Yanxia Hao
B.Eng. (Beijing University of Post and Telecommunications, China)
Telecommunications Technology Management

Zhibin Li
B.Eng. (Guangdong University of Technology, China)
Telecommunications Technology Management

Ying Liu
B.Eng. (Northwestern Polytechnical University, China)
Telecommunications Technology Management

Steven Martin Muegge*
B.Eng. (McMaster)
Telecommunications Technology Management

Zheshi Peng
B.Eng. (Shanghai Jiao Tong University, China)
Telecommunications Technology Management

Hua Qin
B.Eng. (Beijing University of Post and Telecommunications, China)
Telecommunications Technology Management

Isabelle Patricia Roy
B.A.Sc. (Ottawa)
Telecommunications Technology Management

Jian Wu
B.Econ. (International Business and Economics, China), B.Eng. (Harbin Institute of Technology, China)
Telecommunications Technology Management

Bachelor of Engineering

(presented by Associate Professor Donald Russell, Associate Dean of the Faculty of Engineering and Design, and Professor John Chinneck, Associate Dean (Research), Faculty of Engineering and Design)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

COMMUNICATIONS

Hani Abudaba*
with distinction

Mansour Mohsen Alfadhli*
with distinction

Mohamed Sharif Mortada Aly
with high distinction

Christopher Blowes

Hamid Jafar Boland
with distinction

Joell Boutros
with high distinction

Maroun Boutros
with distinction

Stewart David Fraser
with distinction

Nicole Knox
B.A. (Ottawa)

Matthew Ross MacLeod
Co-operative Education
with high distinction

Paul Andrew Ricker

Leonardo J. S. Salomone
Co-operative Education
with high distinction

Matthew C. Van Wely
with high distinction

Robert Cornelius Vanden Hoven
Co-operative Education
with high distinction

Benjamin J. Zarboni

COMPUTER SYSTEMS

Vesal Badee
Minor in Psychology
with high distinction

Shaun B. Bakker
with distinction

Anuj Bansal
B.Sc. (Toronto)
Co-operative Education
with high distinction

Brian Baribeau
with high distinction

Bradlay James Barnes
with high distinction

Michael Beddaoui*

William Robert Andrew Bell
with distinction

James R. Beninger*

Luc J. Bertrand

Rahul Bhardwaj

Nathan James Brown

Parthiban Chandrabose
with distinction

Heng Chhay Chao
Minor in Psychology

Sandy Chiang

Matthew Chmiel
Co-operative Education
with distinction

Aaron C. Code
with distinction

Peter James Cassius Conibear

Royce D'Souza

Alexandra Charlotte Dafoe
with high distinction

Benjamin W. Danic
with high distinction

Stephane Darveau*

Geordie Davis*
with distinction

Michael Eric Denham*
with distinction

David Martin Deutsch
Co-operative Education
with high distinction

Prabhul Dev

Mohammad Dourou
Co-operative Education

Jayme Dunlop
with distinction

Paul R. Edmunds

Heba El-Helou

Thomas Grant Fraser
with high distinction

Ian Gagné

Shawn Gandhi

Parthipan Ganesan
Co-operative Education
with distinction

Jason F. Gehrels
with high distinction

Gelu Dan Paul Gheorghe

Bruno Gnanapragasam

Ayoub Hadj-Moussa

Tarek Hassar

Robert C. Holwell
B.Sc. (Acadia)

Aruran Kasinathan

Eric Kevin John Kedrosky

Mina Keriakos

Helga Kertesz

Julian O. Khouli*

Jason A. Kidd

Sai Mohan Kilambi
Co-operative Education
with high distinction

Kristopher Alexander Kyritzopoulos
Minor in Business
with high distinction

Kevin Mar
with high distinction

Jonathan Daniel McCarthy

Shauna Mullally
with high distinction

Gunalan Nadarajah

Srikanthanathan Nallathamby
B.Sc. (Carleton)

Sathiamoorthy Nandakumar
with distinction

Drewan Nicholson
with distinction

Anuj Nijhawan

Amanjeet S. Nijjar*

Jonathan P. Patchell
with high distinction

Angela Wai Yi Plumb
B.Sc. (Queen's)
with high distinction

John Rowat
with distinction

Pritpal Sandhu

Dilecta Saverimuttu

Rohit Saxena
Minor in Business

Karunabala Selladurai

Omar Munir Sheikh
with high distinction

Yan Si
with high distinction

Kajendran Sivanayagamoorthy

Darryl A. Smith
with distinction

Michael Marcin Sówka*
with high distinction

Michel St. Onge
B.Sc. (Toronto)
with distinction

Trevor Stevens
with distinction

Ganeshkumar Subramaniam

Ganapriya Suntharalingam
with distinction

Hany Tabet

Mary Stella Thambimuthu
with distinction

Kugatharsan Thangavel

Jessica Tran
with distinction

Sandra Veledar
Co-operative Education
with high distinction

Banu Vettivel

Richard Walter

Steven Wan Kam

Abraham J. Wehbi
with high distinction

Bradley James Whitehead
with high distinction

Matthew David Woods

Minjian Xu
Co-operative Education
with high distinction

Matthew Andrew Yee
with high distinction

Kurt Michael Yensen
with distinction

Henry Yi

Khalil Yonis
with distinction

Hasnain Zaman*

Fan Ping Zhou
Co-operative Education
with high distinction

ELECTRICAL

Doery Abdou*

Hussain Ali Abdulhadi Hamra
Minor in Mathematics

Mohammed Abu Huda*

Said Ahmed

Tawfiq Al Mu'ti

Kusay Al-Obaidi

Tarek Alhajj
with high distinction

Ibsa Gemal Ali*

Karim Allidina
Co-operative Education
with high distinction

Quinton Kei Andreone
with high distinction

Mohsen Askandari*

Paheerathan Balasubramaniam

Sajith Bandaranayake

Andre Ramon Birch

Vadim Bishtein
with distinction

Daniel George Booth

Benjamin C. Campbell
with high distinction

Sarah E. Chandler

Neha Chandra
with high distinction

Michel Chauvin

Kyle A. Craig
with distinction

João Pedro Gomes De Jesus
with high distinction

Robert G. Dockendorff

Mathieu L. R. Eidus

Abdul-Rahman Elshafei-Ahmed
with high distinction

Prem K. Emil Bernard

Michael Wu Ji Fong

Thomas Gerrard

Ehsan Gharib Doust
with distinction

Eric Andrew Grant*

Harendra Gunabalasingam*

Ehab Hamed
Minor in Mathematics

Varahram Hemmati
with distinction

Laina Hoang

Ian Richard Horseman

Syed Faheem Hosain
with high distinction

Albert Hu
Co-operative Education
with distinction

Cherif Ibrahim
with distinction

Richard J. Kagerer

Suthaharan Kanagaratnam*
with distinction

Balamurugan Kandiah

Michael J. Kelland

Vijeyaruban Krishnapillai

Saif Samir Kubba
with distinction

Greg Lauder

Ka Ho Kelvin Lee
Minor in Economics

Miranda Mei Ying Leung

Glen Robert MacGillivray

David Anthony Mahdi

Samuel Mahumane

Tyler M^{c}Gill
with high distinction

Christopher Jarl McLellan
with high distinction

Kamal Muhammad Mia
with distinction

Kenneth F. Miller

Mpho Mokalakane

Noah J. Moser
with distinction

Hassan Naqvi

Sasikala Narendran

Chi Hang Kenneth Ng

Hassan Ontabli

Michelle Pak
with distinction

Sutharsan Panchalingam

Orijit Pandit

Hitesh Patel

Tarun Patel
with distinction

Steven Russell Penney
with high distinction

Loganathan Perampalam

W. Travis Pettigrew

Dragos Profir
with distinction

Elanthiraiyan Ramalingam*

Peter Reid

Pascale Riverin

Stephen P. Rivett

Faisal Khalid Saleh
with high distinction

Keith R. Sarault
with high distinction

Ronak Shah

Neel Chandrakant Shingadia

Imran Siddiqui

Timothy Stoffels

Ahilan Sunderalingham

Mahendran Thamotharampillai

Kanathipan Thangavel

Logarajah Thayaparan

Kajan Thevarajah

Trevor D. Thomas

Thubeeshan Thurailingam

Winnie Tran

Khanh H. Vu*

Daniel Weiss
with distinction

Manel Anne Wijesekera

William J. Woodhouse
with high distinction

Nabil Yazdani
Co-operative Education
with high distinction

Thevathasan Yogalingam

Susan Yuen
with distinction

Hooman Zamani

SOFTWARE

Cindy Priscilla Ah-Yuen

Karin Buist
with high distinction

Sylvain Charette
Co-operative Education
with distinction

Jeffrey Da Silva

Erica Ann Fraser
Co-operative Education
with high distinction

Mihnea Galeteanu
Minor in Business
Co-operative Education
with high distinction

Kurtis Liam Helm-Youngs*

Mayank Juneja

Tony Oommen Kanjirappally

Syed Faraz Khalid

Artem Lavrenkov*

Matthew Jason McCormack
with distinction

Kevin Pille
Minor in Psychology

Julie M. Primeau
with high distinction

Ian Myles Walton

Xu Zhang
with distinction

ENGINEERING PHYSICS

Scott W. L. Bucking
with distinction

Pietro Natale Alessandro Chyurlia
Co-operative Education
with high distinction

Adam Benjamin Froimovitch
with distinction

Peon Lai
Co-operative Education
with high distinction

David J. Niven
Co-operative Education
with distinction

Lynda Kathleen Rowe
Co-operative Education
with distinction

Fan Zhang
with high distinction

Harold J. Jennings

Harold J. Jennings, A.R.I.C., M.Sc., Ph.D., F.R.S.C.

Harold Jennings, scientist, researcher, and author, will be awarded the degree of Doctor of Science, *honoris causa*, at the 4:00 p.m. ceremony on Thursday, June 10, "in recognition of an outstanding contribution to the treatment of meningitis C and of other diseases by vaccine design."

Dr. Jennings has devoted his entire career to saving infant lives and has gained international respect by developing a vaccine against meningitis C that effectively protects the disease's most vulnerable victims. His 38 years of research have been conducted at the National Research Council Institute for Biological Sciences where he continues to lead the Institute's vaccine development effort. Dr. Jennings has authored 206 scientific papers and 58 patents, most dedicated to carbohydrate chemistry and his unique discovery of conjugate vaccine technology. His application of this discovery has earned him the distinction of being the highest royalty generating researcher in the history of Canadian government laboratories. Among other honours, he has been recognized as a Fellow of the Royal Society of Canada, with a National Research Council Outstanding Achievement Award, and the Ontario March of Dimes Jonas Salk Award for a medical or scientific contribution to the prevention, alleviation, or elimination of a physical disability.

David Williams

David Williams, B.A., B.Ed., M.Sc.,
South Carleton High School

Born in Wales, Mr. David Williams came to Canada in 1971 to pursue a master's degree in physics, and a Bachelor of Education at Queen's University, where he received the F.D. Sawyer Memorial Award as the most outstanding graduate. Mr. Williams has lived and taught in the Ottawa area for almost 30 years. He has supported, encouraged, and inspired his students through his enthusiasm and passion for knowledge across many disciplines. Despite teaching primarily math courses, Mr. Williams's students have remarked on his after-class commentaries and informal lessons in history, astronomy, physics, and poetry.

The High School Teaching Awards were established to acknowledge outstanding high school teachers in Eastern Ontario who have provided their students with the influence and inspiration to excel. Teachers are nominated for the awards by Carleton University graduating-year scholarship winners who have graduated from Eastern Ontario high schools.

Thursday, June 10, 4:00 p.m.

Chancellor Marc Garneau, C.C., C.D., B.Sc., Ph.D., LL.D., P.Eng., presiding.

(The audience is requested to stand when the Academic Procession arrives, to remain standing until 'O Canada' has been sung, and at the conclusion of the ceremony to remain until the Academic Procession has left.)

Processional Music
John Robert Coghill Jr., B.Mus. (bagpipes)
Garry Matthews (snare drum)
Craig Moffatt (bagpipes)

O Canada*
(the audience is invited to sing)

Welcome by the Master of Ceremonies
Richard J. Van Loon, B.Sc., M.A., Ph.D.,
President and Vice-Chancellor

Conferring of the Degree of Doctor of Science, *honoris causa*, upon
Harold J. Jennings, A.R.I.C., M.Sc., Ph.D., F.R.S.C.,
(presented by John W. ApSimon, B.Sc., Ph.D., Professor Emeritus of Chemistry)

Convocation Address
Harold J. Jennings

Conferring of Degrees by Examination

Warrant
Chong H. Chan, B.Sc., M.A.Sc., Ph.D., P.Eng.,
Clerk of Senate

Awarding of Medals

Presentation of a High School Teaching Award to
David Williams, B.A., B.Ed., M.Sc.,
(presented by Leonard T. Librande, B.A., M.A., Ph.D., Associate Professor of Religion, and Dean of Students)

Recessional Music

**see next page for wording*

O Canada! Our home and native land!

True patriot love in all thy sons command.

With glowing hearts we see thee rise,

The True North strong and free!

From far and wide, O Canada,

We stand on guard for thee.

God keep our land glorious and free!

O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,

Ton front est ceint de fleurons glorieux.

Car ton bras sait porter l'épée,

Il sait porter la croix.

Ton histoire est une épopée,

Des plus brillants exploits.

Et ta valeur, de foi trempée,

Protégera nos foyers et nos droits.

Protégera nos foyers et nos droits.

Doctor of Philosophy

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

C. Alexander Valencia*
B.Sc. (Carleton)
Biology
Proteomic and Immunological Analysis of the Neurospora Cell Wall
Supervisor: J. Vierula

Mousa Za'al Al-Noaimi*
B.Sc., M.Sc. (Yarmouk University, Jordan)
Chemistry
Inner and Outer Sphere Perturbation of Strongly Coupled Class (III) Mixed-Valence Complexes
Supervisor: R. Crutchley

Cristina Badarau
B.Sc. (Polytechnic Institute, Romania)
Chemistry
Design, Synthesis, Characterization and Potential Applications of Photosensitive Acetylene and Diacetylene-Containing Polymers
Supervisor: Z. Y. Wang

Jeffrey William Guthrie
B.Sc. (Cariboo)
Chemistry
A Multi-Technique Approach for the Study of Speciation of Ni, Cd, Cu, Pb, and Zn in Freshwaters
Supervisor: C. L. Chakrabarti

Nouri Mohamed Hassan
B.Sc., M.Sc. (Garyounis, Libya)
Chemistry
Metal Speciation Dynamics in Freshwaters: A Kinetic Exploration
Supervisor: C. L. Chakrabarti

Joseph Muigai Kahenya
B.Sc. (Kenyatta, Kenya), M.A. (Moi University, Kenya)
Chemistry
An Investigation of Hole-Transfer and Antiferromagnetic Superexchange in Asymmetric Dinuclear Ruthenium Complexes
Supervisor: R. Crutchley

Alice Siao-Mei Chang*
B.Sc., M.Sc. (British Columbia)
Earth Sciences
Ultra-High Resolution Sediment Analysis and Diatom Paleoecology From Effingham Inlet, British Columbia, Canada: Implications For Late Holocene Environmental Change
Supervisor: R. Patterson

Sajal Sharma
B.Sc., M.Sc. (Guwahati, Guwahati Assam), M.Sc. (Norwegian University of Science and Technology, Norway)
Earth Sciences
Geochemistry and Sedimentology of Upper Ordovician Mudrocks and Limestones, Eastern Ontario: A New Sedimentary Framework for the Distal Taconic Foreland
Supervisor: G.R. Dix

Samuel Gerard André Dubé
B.Sc., M.Sc. (Carleton)
Mathematics
On the Oscillation of Second Order Differential Equations
Supervisor: A. Mingarelli

Lani Haque*
B.Sc. (Carleton), M.Sc. (McMaster)
Mathematics
Tail Behaviour for Stationary Distributions for Two-Dimensional Stochastic Models
Supervisor: Y. Zhao

Tomas Pospichal
M.Sc. (Charles University, Prague)
Mathematics
Structure of Semigroup Algebras
Supervisor: V. Dlab

Mohammad-Reza Rafsanjani-Sadeghi*
B.Sc. (Sistan and Baloochestan University, Iran), M.Sc. (Tarbiat Modarres, Iran)
Mathematics
Low Density Parity Check Lattices
Supervisors: D. Panario and J. Dixon

Xuehong Sun*
M.Sc. (Tsinghua University, China)
Mathematics
IP Address Lookup and Packet Classification Algorithms
Supervisor: Y. Zhao

Marco Carlo Carlone
B.Sc., M.Sc. (Queen's)
Physics
Specialization in Medical Physics
Determining the Alpha/Beta Ratio for Prostate Cancer Using Clinically Measured Dose Reponse Data
Supervisors: G.P. Raaphorst and D. Wilkins

Darren Richard Grant
B.Sc., (Western), M.Sc. (Carleton)
Physics
Specialization in High Energy Physics
Optical Calibration of the Sudbury Neutrino Observatory and Determination of the Boron-8 Solar Neutrino Flux in the Salt Phase
Supervisor: T. Noble

Malgorzata Niedbala
B.Sc., (Waterloo), M.Sc. (Carleton)
Physics
Specialization in Medical Physics
Evaluation of Radiation Response to Different Dose Rates, With/Without Mild Hyperthermia, in Human Breast Carcinoma Cell Lines of Different Radiosensitivities
Supervisor: P. Raaphorst

Jemal Abawajy*
M.Sc. (Dalhousie)
Computer Science
Parallel Job Scheduling Policies on Cluster Computing Systems
Supervisor: S. Dandamudi

Cynthia Lynn Sawchuk*
B.C.S., M.C.S. (Carleton), B.A. (Alberta), M.A. (Queen's)
Computer Science
Mobile Agent Rendezvous in the Ring
Supervisors: E. Kranakis and D. Krizanc

Master of Science

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Stéphanie Duguay*
B.Sc. (McGill)
Biology

Shuyou Han
B.Sc. (Central China Agricultural University, China), M.Sc. (Fujian Agriculture University, China)
Biology

Lisa Marie McDonnell
B.Sc. (Carleton)
Biology

Rachelle Lynn McGregor*
B.Sc. (Regina)
Biology

Donna Yee*
B.Sc. (Guelph)
Biology

Bin Zhang*
B.Sc. (Tianjin Normal University, China), M.Sc. (Nankai University, China)
Biology

Daphne T. Mapolelo
B.Sc. (University of Botswana, Botswana)
Chemistry

Bindu Tuteja
B.Ed. (Annamala University, India), B.Sc., M.Sc. (H.N.B. Garhwal University, India)
Chemistry

Khalifa Elberdak
B.Sc. (Al Fateh University, Lebanon)
Earth Sciences

David John Kroetsch
B.Sc. (Guelph)
Geography

Yanjuan Cheng
B.Sc. (Nanjing Institute of Meteorology, China)
Information and Systems Science

Tao Fu
B.C.S. (Beijing Polytechnical University, China)
Information and Systems Science

Vandana Gupta*
B.C.S. (Delhi University, India)
Information and Systems Science

Bin Liu
B.Sc. (South China University of Technology, China)
Information and Systems Science

Honghui Luo*
B.Eng. (Wuhan University, China)
Information and Systems Science

Wanjun Sun
B.Eng. (Jilin University of Technology, China), M.Eng. (Northeastern University, China)
Information and Systems Science

Qi Wang*
B.Sc. (University of Petroleum, China)
Information and Systems Science

Yinjing Wang
B.Eng. (Beijing Polytechnical University, China)
Information and Systems Science

Xia Xu
M.Eng. (Dalian University of Technology, China)
Information and Systems Science

Li Zhao*
M.A. (Queen's)
Information and Systems Science

Liping Zhao
B.E. (Beijing College of Economics, China)
Information and Systems Science

Lawrence Aoun*
B.Sc. (Windsor)
Mathematics

Karel Lucien Casteels
B.Math. (Carleton)
Mathematics

Nan Chen
B.Sc. (Lanzhou, China)
Mathematics

Song Chen
B.Sc., M.Eng. (Zhong Shan, China)
Mathematics

Xuyang Chen
B.Eng. (Xi'an Jiaotong, China)
Mathematics

Bevan Craig Ferreira*
B.A. (Carleton)
Mathematics

Vahid Jamshidi
B.Sc. (Shahid Beheshti University, Iran), M.Sc. (Tarbiat Modarres, Iran)
Mathematics

Lubaba Kobaisy
B.Sc. (Toronto)
Mathematics

Lesley Levesque
B.Math. (Carleton)
Mathematics

Yong Li
M.Sc. (Carleton), M.Sc. (Central China Normal University, China), Ph.D. (Chinese Academy of Science, China)
Mathematics

Yun Luo*
B.E. (Tianjin Institute of Finance and Economics, China)
Mathematics

Erin Irene McAfee
B.Math. (Carleton)
Mathematics

Kathryn Elizabeth Mills
B.Eng. (Carleton)
Mathematics

Hai Nghiem*
B.Sc. (Carleton)
Mathematics

Surabhi Pandey
B.Sc. (Delhi, India)
Mathematics

Srividya Thuppal
B.Sc. (Madras, India)
Mathematics

Mohammed Ziaul Hasan
B.Sc., M.Sc. (Jahangirnagar, Bangladesh)
Physics

Dana Louise Mullins*
B.Sc. (Acadia)
Physics

James Edward Cooke
B.Sc. (Carleton)
Psychology
Specialization in Neuroscience

Brian Richard McAteer
B.A., B.Sc. (Carleton)
Psychology
Specialization in Neuroscience

Victoria Lynn Thorne
B.Sc. (Dalhousie)
Psychology
Specialization in Neuroscience

Master of Computer Science

(presented by Professor R.C. Blockley, Dean of the Faculty of Graduate Studies and Research)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Paul Joseph Boone*
B.C.S. (Nova Scotia College of Art and Design)

Patrick Tom Dobaj
B.C.S. (Carleton)

Hadeel Talaat El-Kassabi*
B.Sc. (American University in Cairo, Egypt)

Vaughan Loucks*
B.C.S. (Carleton)

Andrew David Miles
B.Sc., B.C.S. (Carleton)

Sylvain Pitre*
B.C.S. (Moncton)

Wei Shi*
B.C.S. (Harbin Institute of Technology, China)

Bo Tian*
B.Eng. (Tong Ji University, China)

Weiping Wang*
B.Sc. (Nankai University, China)

Xiaonan Wu*
B.Eng. (Guangdong University of Technology, China), M.A.(Jinan University, China)

Zhenfeng Wu*
B.Sc. (Zhongshan University, China)

Han Yan
B.Eng. (Shanghai, China)

Jun Zhou*
B.C.S. (Dalian Maritime University, China)

Bachelor of Science (Honours)

(presented by Professor J.-G. Godin, Dean of the Faculty of Science)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Hire Abdi*
Honours
Biology and Biotechnology
Minor in Mathematics

Alberto Alcazar
Honours
Geology

Arlette Alcázar Quiróz
Honours
Biology

Kelly Anderson
High Honours
Integrated Science Studies

Michelle Thérèse Basque
Highest Honours
Psychology

Monique Bassan
Honours
Biochemistry and Biotechnology

Zain Bhaloo
Honours
Biology and Biotechnology

Maria Andreea Blahoianu
Honours
Biochemistry and Biotechnology

Christopher Mathew Boyd
High Honours
Geology

Robyn Adelia Brake
Highest Honours
Biology

Sarah G. Brown
Highest Honours
Biology

Timothy Edward Brownrigg
Honours
Geology and Physical Geography
Concentration in Terrain Science

Myra Burrell
High Honours
Biology

Jennifer Marie Butler*
B.A. (Carleton)
Honours
Integrated Science Studies

David J. Carpenter
Highest Honours
Biology

Frances Carvalho
Highest Honours
Biochemistry

Kathleen O. Cavallaro
High Honours
Environmental Science
Co-operative Education

Chad O'Neill Conroy
Honours
Biology

Kathleen Cook
Honours
Biology and Biotechnology

Krystyna Maria Czechura
Honours
Chemistry
Minor in Mathematics

Zoë Claude D'Aoust
Highest Honours
Biochemistry

Bethany Marilla Day
High Honours
Biology

Lisa Marie Derickx
Honours
Environmental Science
Concentration in Biology

Chris Drummond-Main*
Honours
Biology
Minor in Psychology

Crystal Gale Dyson
Honours
Environmental Science

Sherif Elsaraj*
Honours
Biochemistry

Jennifer Laura Eng
Honours
Computational Biology
Specialization in Molecular Bioinformatics

Robyn Ewing
High Honours
Biology and Biotechnology

Jason Harris Fine
Highest Honours
Biology and Biotechnology

Samantha Clare Fulton*
High Honours
Neuroscience

Nicole T. Grant
Honours
Biology

David E. Haddon
Honours
Environmental Science

Sharon Anne Husak
Highest Honours
Neuroscience

Shajiya Jafri
Honours
Integrated Science Studies

Erin Johnson
Highest Honours
Integrated Science Studies

Ann Mary Jose
Highest Honours
Biology

Dawn Julie Jurgens
Honours
Biology

Ahmad M. Kadhim
Honours
Biochemistry

Imran Khan
Honours
Integrated Science Studies

M. Claude Khan
Honours
Biochemistry

Daniel Sebastian Kolczyński
High Honours
Biochemistry

Brendan B. Lake
Honours
Applied Physics

Mathieu Landry*
High Honours
Geology
Co-operative Education

Kim Y. Y. Lao
Highest Honours
Chemistry

Johanna Lauren Leggate
Highest Honours
Biochemistry and Biotechnology

Christine Lemieux
Highest Honours
Biochemistry and Biotechnology

Rachel Jean Little
Honours
Biochemistry and Biotechnology

Shannon J. Mahony
High Honours
Integrated Science Studies
Minor in Business

Emily N. Mangano
Honours
Psychology

Sara E. McCartney
Highest Honours
Environmental Science
Concentration in Geology

John William McDougall
B.Sc. (Carleton)
Honours
Neuroscience

Jason James McEwan*
Honours
Biochemistry and Biotechnology
Co-operative Education

Curtis Ian McKague
Highest Honours
Biology
Minor in Psychology

Todd Edward Mennie
High Honours
Biology

Jason Wesley Moffatt*
Honours
Biology
Minor in Psychology

Sandra Irene Mortimer
Highest Honours
Biology

Hardeep Kaur Nahal
B.Sc. (Windsor)
Honours
Computational Biology
Specialization in Molecular Bioinformatics

Asmaa Nofal
Honours
Computational Biochemistry

Kathryn J. Norman
Highest Honours
Integrated Science Studies

Jenny Lynn Norton
Honours
Biochemistry

Helen Marie Prochazka
Highest Honours
Chemistry

Domenico Ranieri
Honours
Geology

Karen M. Rowan
Highest Honours
Environmental Science
Minor in Geography: Resource and Environmental Assessment

Christopher N. M. Rowley
Highest Honours
Computational Chemistry
Minor in Mathematics

Sunita Kieran Sandhu
Honours
Psychology
Minor in Mathematics

Jennica Seiden
Highest Honours
Environmental Science

Darren L. Smith*
High Honours
Geology

Justin L. Soriano
Honours
Biochemistry and Biotechnology

Geoffrey E. A. Streib
High Honours
Environmental Science
Minor in Geography: Resource and Environmental Assessment

Laura Stuart*
Highest Honours
Biochemistry and Biotechnology

Katrina M. Sullivan
Highest Honours
Environmental Science

Amira Mohamed Sultan
High Honours
Biochemistry

Sishi Tang
Highest Honours
Chemistry and Computer Science

Peter James Thornton
Highest Honours
Biochemistry and Biotechnology

Jessika Uhl
Honours
Geology

Peter Unger
Honours
Environmental Science
Concentration in Biology

Leila Annachina Veenstra
Honours
Environmental Science
Minor in Geography

Alexandra Laurie Vorobej
Honours
Biology and Biotechnology

Xiaotien Wang
Honours
Biochemistry and Biotechnology

William Conan Weeks
Highest Honours
Applied Physics

Kenji Wellman
High Honours
Biochemistry and Biotechnology

William Hubert Rigby Whitty
Honours
Geology

Aaron M. Wilson
Honours
Biochemistry and Biotechnology

Sehr Salim Wyne
Honours
Integrated Science Studies
Minor in Religion

Bachelor of Science

(presented by Associate Professor R.A. Shigeishi, Associate Dean of the Faculty of Science)

Yasotha Arunasalam
Computational Chemistry

Benjamin J. R. Barnes
Geology

Naomi Bartley*
Biology
Minor in Psychology

Philippe R. Beauchamp*
Computer Mathematics
Minor in Psychology

Sheri Lynn Belisle*
Integrated Science Studies
with distinction

Sophie Béraud
Integrated Science Studies

Ntobeledzi Boitumelo
Integrated Science Studies

Kirpal S. Chana*
Chemistry

Fu-Jen Chen*
Chemistry

Cathy Chung
B.J. (Carleton)
Biology

Stacey Charlene Crozier
Biology
Minor in Geography

Kasandra M. Eady
Chemistry

Andon Tzetzkov Ignatov
Computer Mathematics

Anthony Joachimides
Biology
Minor in Chemistry

Rajani A. Kathirgamathamby
Biology

Richard Lanouette*
Computational Chemistry

Wiplove Ravindra Lamba
Integrated Science Studies
with distinction

Mona Liu
Biochemistry

Lee Christopher Maley
B.Sc. (Lakehead)
Integrated Science Studies

Christopher McGrath*
Biology

Jennifer M. McMaster
Biology

Hamidah Meghani
Integrated Science Studies
with distinction

Mauriel Meza-McNally
Integrated Science Studies
Minor in Psychology

Jason B. Murphy
Biology

Quang Nhut Ngo*
Integrated Science Studies
with distinction

Kevin A. Osbahr*
Integrated Science Studies

Melissa K. Scarpelli
Geology

Michal Serafin
Computer Mathematics

Melissa Mary Smith
Biology
Minor in Psychology

Ashton Douglas Spencer
Biology
with distinction

Srdjan Stekovic*
Integrated Science Studies

Stuart James Stevenson
Geology

Joshua K. Strong
Biology

Jie Sun
Computational Chemistry

Dobrila Todoric*
Biochemistry

Bachelor of Mathematics (Honours)

(presented by Professor C.W.L. Garner, Director of the School of Mathematics and Statistics)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Selamawit Kassa Abebe
Honours
Computer Science and Mathematics
Specialization in Computing Theory and Numerical Methods

Lai Heong Chan
Honours
Computer Science and Mathematics
Specialization in Computing Theory and Numerical Methods

I-Shin Eric Chuang
Honours
Computer Science and Mathematics
Specialization in Statistics and Computing

Darren Robert Coughtrey
Honours
Computer Mathematics

Michael Patrick Dewar
Highest Honours
Mathematics

Changshen Ding
Highest Honours
Computer Statistics

Robert Colin Christopher Hayman
Highest Honours
Mathematics

Qussai Khadar
Honours
Computer Mathematics: Information Technology

Vinay Réginald Kumar
B.Math. (Carleton)
Highest Honours
Mathematics

Thomas Philip Maloley
B.C.S. (Carleton)
Highest Honours
Mathematics

Katrina L. Rogers-Stewart
Highest Honours
Statistics

Aswathan Thirusittampalam
Honours
Computer Mathematics: Information Technology
Minor in Business

Joe David Virginie
Honours
Computer Mathematics: Information Technology

Bin Yin
Highest Honours
Computer Mathematics

Xiaobo Zhu
B.C.S. (Beijing, China)
Highest Honours
Computer Mathematics

Bachelor of Mathematics

(presented by Professor C.W.L. Garner, Director of the School of Mathematics and Statistics)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Raggasa Abubaker
Computer Mathematics
Minor in Business

Sadiq Alihashi
Computer Mathematics

Arden Aresta*
B.S.Sc. (Ottawa)
Computer Mathematics

Jane Armstrong
Mathematics

Ian Barry Ayers
Mathematics
with distinction

Aleksandra Borovcanin
Mathematics
Minor in Psychology

Adrian Chong
Computer Mathematics

Jennifer E. Clark
B.A. (Carleton), B.Ed. (Ottawa)
with distinction
Statistics

Kevin Arend DeBoer*
Computer Mathematics

Kevin Douglas James Donovan
B.Math. (Carleton)
Statistics

Shaun Foley*
Computer Mathematics

Varinderjeet Kaur Geekee
with distinction
Computer Mathematics

Carlos Gonzalez
Computer Mathematics

Nura Haji Egeh*
Mathematics

Christine Hearn
Statistics
Minor in Psychology

Zarka Hossain*
Mathematics

Lisa Danielle Hunter
Statistics

Jeffrey D. LeGresley*
Mathematics

Ka Yi Leung
Statistics

Chin Kiat Liew*
Statistics

Navinder Matharu
Mathematics
Minor in Law

Kerry T. McGuire
Mathematics
Minor in Philisophy

Brynn Tara Morphy
Mathematics

Suthaharan Nadarajah
Computer Mathematics

F. Michael O'Brien
Computer Mathematics

Shobana Paramasivampillai
Mathematics

Jessie Pierre*
Mathematics
Specialization in Applied Analysis

Geoffrey S. Rao
Mathematics
Minor in Economics

Akilan Ratnalingam
Mathematics

Dushyanthini Ratnasabapathy*
Mathematics

Roya Sakhravi
Computer Mathematics

Aaron Lyndon Sequeira*
Mathematics
Minor in Psychology

Shino Taketani
B.Law (Meiji, Japan)
Computer Mathematics

Tran Ai Tran
Computer Mathematics

Maja Villarroel
Mathematics

Dmytro Vorobyov
Computer Mathematics

Melanie P. Walker
Mathematics

Hsiu-wen Wang
Mathematics

Liu Mei Xiang
Statistics

Shuxia Zhang
B.Eng. (China Textile University, China)
Computer Mathematics

Yuanyuan Zhang
Mathematics

Bachelor of Computer Science (Honours)

(presented by Professor Douglas Howe, Director of the School of Computer Science)

Degrees conferred at Spring Convocation are awarded by Senate in February and in June. Degrees awarded in February are denoted by an asterisk (*)

Sheri Anne Adamson*
Honours
Software and Computing

Rika Ajar
Honours
Software and Computing

Nouf H. Al-Abdulwahed*
Honours
Software and Computing
Minor in Mathematics

Fauzia Alam
High Honours
Software and Computing

Ayad Alasadi
Honours
Network Computing

Nabeela Ali
Honours
Software and Computing
Minor in Psychology

W. Ian Ballantyne*
High Honours
Software and Computing
Minor in Mathematics

Thomas G. Booth*
High Honours
Management and Business Systems
Minor in Business

Hélène Boucher
Honours
Software and Computing

Eric John Bourlier
High Honours
Software Engineering

Matthew Robert Brash
Honours
Network Computing

Alan Preston Brunton
High Honours
Software and Computing
Co-operative Education

Eun Kyung Choi
B.A. (Chonnam National University, Korea)
Honours
Software and Computing
Co-operative Education

Keith M. Churchill
Honours
Software and Computing

William Corbett
Honours
Management and Business Systems

Greg Cormier
Honours
Software Engineering

Xinwen Cui
B.Sc. (Nankai University, China)
Highest Honours
Network Computing
Co-operative Education

Douglas John De Vries
Honours
Software and Computing
Co-operative Education

Charles Robert Della Fortuna
Honours
Software and Computing
Minor in Psychology

Jake R. Denley
Honours
Software Engineering

Jöel Déziel
Honours
Software Engineering
Minor in Film Studies

Melissa D. Donaldson
Highest Honours
Software and Computing
Minor in French
Co-operative Education

Patrick L. Dubroy
Highest Honours
Software and Computing
Co-operative Education

Aaron B. Duhault
Honours
Software Engineering
Minor in Business

Mircea Dumitrescu
Honours
Software and Computing

Marek Eugeniusz Dziedzic
Honours
Software Engineering
Minor in Mathematics and Minor in Philosophy

Nadine Eskander
Honours
Software and Computing
Minor in Business

Jason Estevan
High Honours
Software Engineering
Minor in Mathematics

Andrew Alan Fell*
Honours
Network Computing

Yuzhao Gao
B.Econ. (Beijing, China)
High Honours
Software and Computing

Chamie Eranga Godawatta
High Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Douglas Godding
Highest Honours
Management and Business Systems
Minor in Business
Co-operative Education

Miroslawa Goledzinowska*
High Honours
Software and Computing
Minor in Mathematics

Ardy S. Gullins*
Highest Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Tong Guo*
B.C.E. (Tianjin, China)
Highest Honours
Software and Computing
Co-operative Education

Jesse Hildebrand
Honours
Software and Computing

Jing Ping Hu
Dip.C.S. (Beijing Polytechnical University, China)
High Honours
Software and Computing

Mengjie Hu*
High Honours
Network Computing
Minor in Mathematics
Co-operative Education

Michael Imbrogno
Highest Honours
Software and Computing
Co-operative Education

Yaeko Iwai
High Honours
Software and Computing

Emily Christina Jones*
Honours
Management and Business Systems
Minor in Business

Gregory Jones
Honours
Software Engineering
Minor in Mathematics

James A. Kelly
Highest Honours
Software and Computing
Minor in Business

Christopher R. Kerr
Honours
Software and Computing

Richard Gerald Joseph Kiefl
Honours
Software Engineering

Ali-Reza Kousari
B.Math. (Carleton)
Honours
Software and Computing

Maya Jennifer Lacroix
Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Yuanming Li
Highest Honours
Software and Computing

Christopher Adam Manley
Highest Honours
Software and Computing
Co-operative Education

Karan Mehta
Highest Honours
Network Computing

Ai Mu*
Dip. (Beijing Institute of Technology, China)
Highest Honours
Software and Computing

Supriya Mukherjee
B.Sc. (Carleton)
Honours
Software and Computing

Nicholas H. Mulder
Honours
Software Engineering

Shawn Michel Murphy
Honours
Software Engineering

Eric Nadeau-Boudreault
High Honours
Software and Computing

Phuong Thi Kim Nhan
High Honours
Management and Business Systems
Co-operative Education

Jialan Ni
High Honours
Software and Computing

Clinton Andrew Paget
High Honours
Software and Computing

Stephen Palanik
Highest Honours
Software Engineering
Co-operative Education

Songcheng Pang
B.Eng. (Dalian Railway Institute, China)
Honours
Software and Computing

Andrew Ryan Pitt
Highest Honours
Software Engineering
Minor in Business
Co-operative Education

Matthew Prince
Highest Honours
Network Computing

Nadil Punjani
Highest Honours
Software and Computing
Co-operative Education

Sean David Ross
Honours
Software and Computing

Seung Won Seo
Highest Honours
Network Computing

Deepjot S. Sethi
Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Tomasz Patryk Sienkiewicz
Honours
Software Engineering

Brian James Simpson
Honours
Software and Computing

Jonathan Simpson
Honours
Software Engineering
Minor in Mathematics

Siew Ling Soh
Highest Honours
Software and Computing
Co-operative Education

Colin Stewart*
Highest Honours
Software and Computing

Antonie D. Struyk
Highest Honours
Software and Computing

Jeffrey Sturgis*
Honours
Network Computing
Minor in Mathematics

Brian P. Suomela
B.Sc. (Ottawa)
High Honours
Management and Business Systems

Jiang Li Tian
High Honours
Software and Computing
Minor in Mathematics

Maryam Tohidi*
Highest Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Tuan Anh Vu
Honours
Software

Bo Wang*
B.Eng. (Xian Institute of Metallurgy and Construction, China)
High Honours
Software and Computing
Co-operative Education

William Watkin Wilcock
Highest Honours
Management and Business Systems

Simon Mirko Wilkinson*
Highest Honours
Software and Computing
Minor in Mathematics
Co-operative Education

Maggie Wu
Honours
Management and Business Systems
Minor in Mathematics

Chen Xu
Honours
Software and Computing
Minor in Mathematics

Min Yang
High Honours
Software Engineering
Co-operative Education

Wei Zhang
B.Eng. (Hunan University, China)
Highest Honours
Software and Computing
Co-operative Education

Xuejun Zhang*
High Honours
Software and Computing
Co-operative Education

Li Zhou
B.A. (Renmin University, China)
Highest Honours
Software and Computing

The following additions or corrections were made by Senate after publication of the 2003 Fall Convocation Program

Bachelor of Arts

Idil A. Ismail
Political Science

Leung T. Mok
Economics

James B. Zylstra
Economics

Bachelor of Engineeringg

John P. Kania
Mechanical
Concentration in Computer-Integrated Manufacturing

Medallists in the Graduating Class

The Governor General's Medals – Bachelor's Level
Awarded annually to the two students standing at the head of the graduating class at the bachelor's level.
Donor: Her Excellency the Governor General of Canada

Erin Johnson
Bachelor of Science (Honours)
Integrated Science

Ian Barry Ayers
Bachelor of Mathematics
Mathematics

The Chancellor's Medal
Awarded annually in the name of the Chancellor of the University to a graduating student of outstanding academic achievement.

Karim Allidina
Bachelor of Engineering
Electrical

The President's Medal
Awarded annually in the name of the President of the University to the student with the highest standing in a general degree program of studies.

Quang Nhut Ngo
Bachelor of Science
Integrated Science

University Medal for Outstanding Graduate Work – Ph.D. Level
Awarded, when merited, for outstanding graduate work at the doctoral level.

Anestis Dounavis
Electrical Engineering

University Medal for Outstanding Graduate Work – Master's Level
Awarded, when merited, for outstanding graduate work at the master's level.

Erin Irene McAfee
Master of Science
Mathematics

University Medals (Undergraduate)
Awarded annually, when merited, to the graduating students standing highest in architecture, architectural studies, arts, commerce, computer science, engineering, humanities, industrial design, interfaculty studies, international business, journalism, mathematics, music, public administration, public affairs and policy management, science, and social work.

University Medal in Interfaculty Studies
Sharon A. Husak
Bachelor of Science (Honours)
Neuroscience

University Medal in Arts
Laura C. Young
Honours Psychology

University Medal in Arts
Ramona Sladic
Honours Criminology and Criminal Justice

University Medal in Science
Hamidah Meghani
Integrated Science

University Medal in Mathematics
Michael Patrick Dewar
Honours Mathematics

University Medal in Computer Science
Maryam Tohidi
Software and Computing

University Medal in Commerce
Nathaniel Curtis Lupton

University Medal in International Business
Rachel Sarah Godley

University Medal in Journalism
Travis A. Webb

University Medal in Music
Valentina Cuden

University Medal Social Work
Mary Jean Salegio

University Medal in Engineering
Angela Wai Yi Plumb
Computer Systems

University Medal in Architectural Studies
Susan Emily Gardiner

University Medal in Industrial Design
Romeo Graham

University Medal in Humanities
Victoria Emma Claire Goddard

University Medal in Public Affairs and Policy Management
Inbal Alon

Senate Medals
Awarded, when merited, to graduating students of outstanding academic achievement.

Doctoral Level

Tomas Pospichal
Mathematics

L. Kevin Selbee
Sociology

Master's Level

Jingcheng Zhuang
Master of Applied Science
Electrical Engineering

Agnieszka Czajka
Master of Arts
Political Economy

Nicole Kathleen Honderich
Master of Arts
English

Undergraduate Level

Rudi H. Phillion
Bachelor of Engineering
Aerospace Engineering

Jesse M. Klostranec
Bachelor of Engineering
Aerospace Engineering

Michael Copestake
Bachelor of Arts (Honours)
English

Tyler McGill
Bachelor of Engineering
Electrical Engineering

Brenda L. Dikland
Bachelor of Arts (Honours)
English

Hugo Leon Danis
Bachelor of Engineering
Mechanical Engineering

Frances Carvalho
Bachelor of Science (Honours)
Biochemistry

Matthew Ross Macleod
Bachelor of Engineering
Communications Engineering

Sandra Irene Mortimer
Bachelor of Science (Honours)
Biology

Leonardo J.S. Salomone
Bachelor of Engineering
Communications Engineering

Natalie Chantal Comeau
Bachelor of Arts (Honours)
Anthropology

Sishi Tang
Bachelor of Science (Honours)
Chemistry and Computer Science

Curtis Ian McKague
Bachelor of Science (Honours)
Biology

Mabel S. Y. Lee
Bachelor of Commerce

Donna Sophia Abou-Arrage
Bachelor of Commerce

William Watkin Wilcock
Bachelor of Computer Science
Management and Business Systems

Jennica Seiden
Bachelor of Science (Honours)
Environmental Science

Lynn Dare
Bachelor of Arts
Psychology

Kathryn L. Manley
Bachelor of Commerce

Sara-Ann Emily Wilson
Bachelor of Arts (Honours)
Law with Concentration in Business Law

Marko S. Cater
Bachelor of Engineering
Mechanical Engineering

Douglas Godding
Bachelor of Computer Science
Management and Business Systems

Karan Mehta
Bachelor of Computer Science
Network Computing

Benjamin C. Campbell
Bachelor of Engineering
Electrical Engineering

Scott Nathan Best
Bachelor of Engineering
Aerospace Engineering

Pietro Natale Alessandro Chyurlia
Bachelor of Engineering
Engineering Physics

Kimberley Ann Curley
Bachelor of Humanities
Concentration in English Literature

Matthew D. Price
Bachelor of International Business

Mariana Elisabeth Lafrance
Bachelor of Arts (Honours)
Cognitive Science with a specialization in Cognition and Psychology

Robyn G. Carruthers
Bachelor of Arts (Honours)
English

Vinay Réginald Kumar
Bachelor of Mathematics (Honours)

Jesse Tyler Friedman
Bachelor of Humanities
Concentration in History

Neha Chandra
Bachelor of Engineering
Electrical Engineering

Minjian Xu
Bachelor of Engineering
Computer Systems Engineering

Ramia Ibrahim
Bachelor of Commerce

Carol Crawford
Bachelor of Arts
Psychology

Thomas Franklin Hastie
Bachelor of Engineering
Aerospace Engineering

Tracy Allison Holmes
Bachelor of Commerce

Mélissa E. O'Connor
Bachelor of Humanities
Concentration in Liberal Arts

Anna Robin McLeod
Bachelor of Arts
Mass Communication

Alexandra Charlotte Dafoe
Bachelor of Engineering
Computer Systems Engineering

Rosangela Coscarella
Bachelor of International Business

Michael Phillips
Bachelor of Arts (Honours)
English

Michelle Sutherland
Bachelor of Arts
Law

Fan Ping Zhou
Bachelor of Engineering
Computer Systems Engineering

Robyn Adelia Brake
Bachelor of Science (Honours)
Biology

David J. Carpenter
Bachelor of Science (Honours)
Biology

Catherine Jane Norsworthy
Bachelor of Arts (Honours)
Linguistics

Shawn Beaudette
Bachelor of Engineering
Aerospace Engineering

Julie Lynn Dempsey
Bachelor of Arts (Honours)
Psychology

Erin Diane Farbar
Bachelor of Engineering
Aerospace Engineering

Julee Elizabeth Moroz
Bachelor of Humanities
Concentration in Philosophy

Katherine Anne Narraway
Bachelor of Humanities
Concentration in Liberal Arts

James Sean Dooley
Bachelor of Arts
Political Science

Karen Fish
Bachelor of Journalism

Kimberly E. Thornton
Bachelor of Public Administration
and Policy Management

Jason F. Gehrels
Bachelor of Engineering
Computer Systems Engineering

Izabella Sowa
Bachelor of Public Administration
and Policy Management

Michael Imbrogno
Bachelor of Computer Science
Software and Computing

Matthew Andrew Yee
Bachelor of Engineering
Computer Systems Engineering

Adriana Gouvea
Bachelor of Arts (Honours)
History

Michelle L. Catton
Bachelor of Journalism

Li Zhou
Bachelor of Computer Science
Software and Computing

Julie Katharine Blake
Bachelor of Arts (Honours)
Art History

Brian Julien
Bachelor of Arts (Honours)
Political Science

Julie M. Primeau
Bachelor of Engineering
Software Engineering

David C. Schroeder
Bachelor of Music (Honours)

David James Wilkinson
Bachelor of Music (Honours)

Johanna L. Leggate
Bachelor of Science (Honours)
Biochemistry/Biotechnology

Dena N. Bonnet
Bachelor of Arts (Honours)
Combined Human Rights and Law

Sarah Elizabeth Charette
Bachelor of Arts (Honours)
Combined Philosophy and Political Science
Concentration in Political Theory

Nidolino Scaffidi Argentina
Bachelor of Engineering
Civil Engineering

Jennifer Erickson
Bachelor of Humanities
Concentration in English Literature

Derek Edward Hugh Olmstead
Bachelor of Arts (Honours)
Economics

Rita Liazza
Bachelor of Arts (Honours)
Combined Political Science and Sociology

Laura Stuart
Bachelor of Science (Honours)
Biochemistry and Biotechnology

Zoë Claude D'Aoust
Bachelor of Science (Honours)
Biochemistry

Mark Wayne Baechler
Bachelor of Architectural Studies

Kristen Elizabeth Courtney
Bachelor of Humanities

Vidal Seegobin
Bachelor of International Business

Jennifer Lynn Brigandi
Bachelor of Arts
History

Andrew David Paul Brown
Bachelor of Engineering
Aerospace Engineering

Seungwon Seo
Bachelor of Computer Science
Network Computing

Katrina L. Rogers-Stewart
Bachelor of Mathematics (Honours)
Statistics

Yiwen Chen
Bachelor of Arts (Honours)
Economics and Mass Communications

James A. Kelly
Bachelor of Computer Science
Software and Computing

Honorata B. Wilkowska
Bachelor of Commerce

William Conan Weeks
Bachelor of Science (Honours)
Applied Physics

Christopher N. M. Rowley
Bachelor of Science (Honours)
Computational Chemistry

Michael Yeung
Bachelor of Architectural Studies

Allison Jean Weir
Bachelor of Humanities
Humanities, Classics and Religion

Jennifer Lyndsay Pedersen
Bachelor of Humanities
Concentration in History